

ABSTRACT

[PROBLEM TO BE SOLVED] To realize the detection of the flow rate of a fluid and, at the same time, the detection of the liquid type and concentration of the fluid in a compact, accurate and rapid manner.

[SOLUTION] A flow rate/liquid type detecting method for detecting the flow rate of a fluid and, at the same time, detecting any one of or both the type of the fluid and the concentration of the fluid, characterized in that:

by using a flow rate/liquid type detecting apparatus comprising;

a main passage through which a fluid to be detected flows,

an auxiliary passage branched from said main passage, and

a flow rate/liquid type detecting sensor device provided in said auxiliary passage, is provided, and

in conducting any one of or both the detection of the type of said fluid to be detected and the detection of the concentration of said fluid to be detected, said auxiliary passage opening/closing valve is closed, and said fluid to be detected is allowed to temporarily stay within said flow rate/liquid type detecting sensor

device to conduct any one of or both the detection of the liquid type and the detection of the concentration, and

5 in detecting the flow rate of the fluid to be detected, said auxiliary passage opening/closing valve is opened to allow the fluid to be detected to flow into said flow rate/liquid type detecting sensor device to detect the flow rate.